

WyoLink Operations Work Group
Chairman Kennedy's Report

1. Met on January 26, 2007 with representatives from Motorola and Laramie County Public Safety Agencies.
2. Motorola provided two (2) potential solutions for meeting the Laramie County portable radio coverage in the identified area and in-building coverage.
 - a. Each solution would provide the 95% in-building coverage with the portable radios worn on the hip with speaker microphones. A power point presentation was provided that provided information on antenna efficiency for radios worn on the hip with a speaker microphone compared to the radio held at held level. For comparison the VHF antenna efficiency drops from -11.6 dB (head level) to -17.6 dB (hip/speaker mic). The 800 MHz antenna efficiency is -1.6 dB for head level radio use and -10 dB for hip level/speaker mic use. Each -3 dB is a 50% loss of efficiency.
 - b. VHF solution – Six (6) site simulcast sub-system with all sites receiving and transmitting radio transmissions simultaneously. This type of system has very close design tolerances. The budget figure for this solution is \$6,803,112 and does not include the cost of site development – power, building and tower.
 - c. 800 MHz solution – four (4) site multicast sub-system using Cheyenne Fire and Rescue current site. This solution provides better portable radio coverage than the VHF solution and has a budget figure of \$3,000,464 and does not include end user equipment and site development costs.
3. Marty McCoy and Bob Symons presented the finding from a portable radio test conducted using the north water tank site. The conclusion of this test provides coverage better than the current conventional system used in Cheyenne.
4. A motion was made and passed by the work group to have more extensive and technical radio testing in the Cheyenne/Laramie County areas by the WyoLink team.
5. The Governor, through WyDOT Director John Cox, has asked for a state-wide portable radio solution to be included in next years Legislative budget session. The solution that will be developed will include a partnership between state and local agencies. The WyoLink Operations Work Group will be working on a policy on how, who, what and where portable radio coverage will be enhanced. A portable radio coverage enhancement proposal was developed by WyDOT and will be discussed later in this meeting.
6. Discussion on additional site development – Pinkham Mountain in Colorado. Continuing working with Forest Service properties in the western part of the state.

7. Discussion on completion of the pilot phase which includes getting agencies and dispatch centers using WyoLink and testing the system for use and interoperability. There needs to be a set of goals and steps for getting local agencies on WyoLink and develop a checklist for other areas to use as they are preparing to become members of WyoLink.

8. Discussion on the frequency plan. The frequency plan includes the 57 site core plan and 24 local sites.



Dave Freudenthal
Governor

Steve DeCecco
Chairman

State of Wyoming

Public Safety Communications Commission

Administration and Funding Work Group
Minutes of February 7, 2007

Chairman Steve DeCecco called the meeting to order at 8:07 am.

Members in attendance: Steve DeCecco – PSCC Chairman – Phone Conference, Bill Westerfield – PSCC Vice Chairman, Jerry Kennedy – PSCC Secretary/Treasurer – Phone Conference, Earl Atwood – PSCC Executive Director, Dave Johnson – WAM Representative – Phone Conference and Bob Symons – PSCC Administrative Support.

PSCC Dispatch Center Connectivity Grants

Discussion of awarding PSCC Dispatch Center Connectivity grants to twenty-seven dispatch centers. The following grant applications have been received, listed by agency and grant application amount: Thermopolis/Hot Springs County - \$316,395.00; Riverton Police Department - \$330,154.00; Park County Sheriff's Office - \$439,398.00; Platte County Communications - \$432,702.00; Fremont County Sheriff's Office - \$360,849.00; Lincoln County Sheriff's Office – Afton - \$325,354.00; Lincoln County Sheriff's Office – Kemmerer - \$325,354.00; Campbell County Sheriff's Office - \$342,436.00; Sheridan Police Department - \$354,373.00; Carbon County Sheriff's Office - \$277,911.00; Hanna Marshal's Office - \$297,163.00; Saratoga Police Department - \$223,200.00; Rawlins Police Department - \$439,398.00; Buffalo Police Department - \$72,500.00; University of Wyoming Police Department - \$303,363.00; Rock Springs Police Department - \$337,314.00; Lander Police Department (New) - \$168,922.00; Lovell Police Department - \$149,998.00; Torrington Police Department - \$438,588.00; Glenrock Police Department - \$312,230.00; Sweetwater County Sheriff's Office - \$330,754.00; Casper Public Safety Communications Center - \$150,000.00; Sublette County Sheriff - \$324,754.00; Big Horn County Sheriff's Office - \$149,998.00; Weston County - \$172,850.00; Crook County- \$325,403.00; and Uinta County - \$250,000.00.

Bob Symons made a recommendation to the Administration and Funding Work Group to award \$150,000.00 to each of the grant applicants that submitted a grant over \$150,000.00 and award \$149,998.00 to Lovell Police Department and Big Horn County Sheriff's Office and \$72,500.00 to the Buffalo Police Department. The total recommended grant awards would be \$3,972,496.00. There were ten (10) grants awarded on December 12, 2006 for a total of \$1,500,000.00. With these grants the total awarded would be \$5,472,496.00 and there would be \$977,504.00 grant funds remaining.

There are two grant applications that are outstanding – Pine Bluffs and Fort Washakie and should be receiving them soon.

A review of grants was made to review the individual grant requests. Questions were asked about the costs associated with equipment costs and installation costs. A review of one of the applications to indicate how the grant applications were developed to indicate the work that would be involved in the upgrades. Most of the applications included consolleTTes for wireless back-up.

Discussion on the remaining grant funds and the methodology that could be used to disperse the funds to the grant applicants. One suggestion was to divide the remaining funds equally between all of the dispatch centers that applied for funding over \$150,000, approximately \$19,926.00 to each dispatch center. Another suggestion was to review the grants funded and the percentage funded by the grants awarded and award the funds to those agencies in an inverse proportion to the percentage of grant awarded. Earl and Bob will continue to review the grants and the grant awards and present some options on the second round grants. A population based review of the grant applications will also be developed.

Letters will be sent to the agencies that receive grant funds to inform them of the grant awards and those agencies can use when making their annual budgets. The grant agreements will be sent out after the award letters.

Bill Westerfield made a motion to approve the twenty-seven grants that were presented for a total of \$3,972,496.00. Jerry Kennedy seconded the motion and the motion passed on a voice vote. Copies of the grant award letter will be sent to the work group members for their reference.

Discussion on the grant agreement. Bob has presented a grant agreement to the Wyoming Attorney General's office for approval and the agreement has been returned approved for content. The first grant agreement with Laramie County has been signed by the Attorney General's Attorney and is waiting for the signature of the Laramie County Commission. All of the grant agreements will have to be signed as approved by the Attorney General's office.

Bill Westerfield made a motion to adjourn the meeting, with Jerry Kennedy seconding the motion. The motion passed on a voice vote.

The meeting was adjourned at 8:50 am.

Respectfully submitted,

Robert Symons
PSCC Administrative Support

Attachments: PSCC Dispatch Center Grant Summary
PSCC Dispatch Center Grant Spreadsheet

**SALECS 2006 STATISTICS
JANUARY 2006**

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	454	134	10	32	53	0	1	31		715
TRAFFIC	5711	588	215	332	665	0	0	296	2	7809

FEBRUARY 2006

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	375	103	1	27	26	0	0	22	0	554
TRAFFIC	5237	409	134	368	469	0	0	218	2	6837

MARCH 2006

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	353	143	12	21	56	1	0	44	0	630
TRAFFIC	4171	468	171	269	522	8	0	377	1	5987

APRIL 2006

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	405	232	14	12	82	2	0	39	0	786
TRAFFIC	5180	682	192	184	850	10	0	343	2	7443

MAY 2006

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	529	351	20	28	278	0	0	33	0	1239
TRAFFIC	6668	1095	293	435	2903	0	0	384	7	11785

JUNE 2006

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	614	364	15	36	411	0	0	35	0	1475
TRAFFIC	5844	1089	233	317	4000	0	0	330	2	11815

JULY 2006

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS

EVENTS	794	332	18	31	530	0	0	64	0	1769
TRAFFIC	7115	1102	230	399	4676	0	0	600	4	14126
AUGUST 2006										
	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	625	377	15	28	223	4	0	47	0	1319
TRAFFIC	7015	1235	192	279	2399	21	0	441	5	11587
SEPTEMBER 2006										
	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	966	390	10	29	165	0	0	35	0	1595
TRAFFIC	8102	1385	172	291	1539	2	0	318	15	11824
OCTOBER 2006										
	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	1333	351	20	37	19	0	0	18	0	1778
TRAFFIC	10769	933	190	391	398	0	0	230	7	12918
NOVEMBER 2006										
	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	713	257	7	2	15	0	0	5	0	999
TRAFFIC	7482	997	163	283	293	6	0	91	9	9324
DECEMBER 2006										
	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	483	208	7	14	18	0	0	11	0	741
TRAFFIC	5484	765	182	174	183	0	0	75	5	6868
ANNUAL TOTALS FOR 2006										
	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	7644	3242	149	297	1876	7	1	384	0	13600
TRAFFIC	78778	10748	2367	3722	18897	47	0	3703	61	118323

SALECS 2007 STATISTICS
JANUARY 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS
EVENTS	428	160	8	16	48	0	0	24	0	684
TRAFFIC	5348	727	147	243	377	0	0	199	2	7043

FEBRUARY 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS
EVENTS	343	142	6	24	28	0	0	12	0	555
TRAFFIC	4200	498	134	266	421	0	0	142	0	5661

MARCH 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

APRIL 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC	0									0

MAY 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

JUNE 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

JULY 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTEES	SDCI	FOREST	OT	TOTALS

EVENTS										0
TRAFFIC										0

AUGUST 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

SEPTEMBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

OCTOBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

NOVEMBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

DECEMBER 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS										0
TRAFFIC										0

ANNUAL TOTALS FOR 2007

	GAME & FISH	BRAND	LIVE STOCK AGENTS	BLM	STATE PARKS	OUT FITTERS	SDCI	FOREST	OT	TOTALS
EVENTS	771	302	14	40	76	0	0	36	0	1239
TRAFFIC	9548	1225	281	509	798	0	0	341	2	12704



Dave Freudenthal
Governor

Steve DeCecco
Chairman

State of Wyoming

Public Safety Communications Commission

Interoperability Executive Committee Wheatland and Phone Conference January 19, 2007

Chairman Billy Janes called the meeting to order at 10:00 am in the classroom building of the Wheatland Fire Training facility, Wheatland, WY.

Attendees:

Billy Janes, Chairman; Lanny Applegate – PSCC Commissioner, Kevin Haler – PSCC Commissioner, Kim Lee – PSCC Commissioner, Tom Mahon – WyoLink, Marty McCoy – WyoLink, Dale Pawling – Cheyenne Fire & Rescue, Kent Drummond – WyoLink, Mark Coler – WyoLink, Scott Scheller – Wheatland Fire And Bob Symons – PSCC Administrative Support. Mark Harshman – PSCC Commissioner and Craig Post – ComTech participated via phone conference call.

Minutes from June 1, 2006

The minutes from the June 1, 2006 meeting were reviewed by the committee. The spelling of the word “manager” needed to be corrected. Being no further corrections they minutes were approved as corrected.

Draft WyoLink Handbook

Bob Symons reviewed the changes to the draft WyoLink Handbook since the June 1, 2006 meeting. The format has been changed to remove all bullet points and change them to alphabetized. Page 4 – added Section II Intent, Page 5 – Changed ‘glossary’ to ‘definitions’, Page 8 – Added ‘WyoLink Support Manager’ and deleted ‘System Administrator’, Page 17 – Changed B. – Member Priorities per last meeting.

Discussion on Member Priorities – 9 – Busses. There are communities that have public transportation entities and school busses. Section IX Authorized System Access, Subsection B 6 states ‘Public Transportation including School Busses’. **The committee felt that both sections should have the same language. Section V(B)(9) will be changed to Public Transportation including School Busses.**

Further review of draft handbook. Page 22 – C – Emergencies changed to Events, Pages 28 & 29 Applying for system access was moved from the front of the handbook to this new section. Changed the wording from ‘WyoLink System Administrator’ to ‘WyoLink Support Manager’.

The draft handbook was reviewed by Bryan Morehouse – Goshen County Sheriff’s Office and Marty McCoy for content and format. Bryan Morehouse has submitted some very

good comments on changes to the handbook that clarifies the handbook and making the handbook easier to understand.

Bob Symons discussed the number of Multiple Agency Talkgroups (MAT). Bob has reviewed the number of MAT's with other states that have trunked systems and it was suggested to change the number of MAT's to 1 calling talkgroup and 3 tactical talkgroups. Another advantage to this will be in the development of the fleetmap and all of the Regional and State MATs will fit in 2 radio zones. **Kebin Haller made a motion to reduce the number of MATs from 5 tactical talkgroups to 3 tactical talkgroups, Dale Pawling seconded the motion. The motion passed.**

Bob Symons related the discussions with PSCC Chairman DeCecco on the committee structure and what those committees would be responsible for. For balancing the committee/work group duties the Interoperable Executive Committee would become responsible for the relationships between members and the PSCC and the WyoLink Operations Work Group would be responsible for the relationships between the PSCC and WyoLink. Discussion on Section IX – Authorized System Access, Subsection C - Applying for System Access. **Kebin Haler made a motion to change Section IX (C)(1)(d) to read that the application will be reviewed by the PSCC Interoperability Executive Committee. The applicant will be notified of the Interoperability Executive Committee Meeting and is encouraged to attend this meeting to answer any questions that may arise from the application. Lanny Applegate seconded the motion and the motion passed on a voice vote.** Discussion on if this will be the last stop for the application or if the Executive Committee will review the application or just have the application reported to the PSCC.

Draft WyoLink Membership Agreement

Bob Symons presented the draft WyoLink Membership Agreement to the committee. The basis of this document came from the Colorado Membership Agreement and has been changed to match the draft Handbook and Wyoming Attorney General's recommendations for the Section IX – Miscellaneous. Discussion on the Draft Membership Agreement. It was recommended that the Committee members review the agreement and be prepared to discuss it at the next meeting. Upon the final draft of the Membership Agreement, it will need to be reviewed by the Attorney General's Office for content.

Marty McCoy discussed the WyoLink support phone calls. Patty Bauer has agreed to have the Highway Patrol Dispatchers answer the help line phone after normal business hours. The dispatchers will then call the on-call WyoLink support person.

Portable Radio Coverage Issues

Bob Symons led a discussion on how the PSCC should address the local needs for portable radio coverage. The Executive Committee has been asked to develop a policy on how to address the portable radio coverage including the sharing of commitments by the local agencies. The Governor is requesting facts and information on how to address portable radio coverage and what are the costs for providing coverage in certain areas of the state.

The frequency plan prepared by Motorola includes the licensing of 24 additional sites, one in each county seat plus an extra one in Lincoln County due to the topography of that county. How these sites will be allocated and used will have to be determined by the PSCC. The WyoLink Operations Work Group will be addressing this issue as part of their work group assignments.

PSCC Meeting

The next PSCC meeting will be in Gillette on March 13th. On March 12th the PSCC will be holding a public information meeting at the Gillette Fire Training Center. The local public safety agencies, local elected officials and Legislators will be invited to this information session.

Next Meeting

Chairman Janes asked Bob Symons to make the changes to the draft handbook and allow the committee a chance to review the membership agreement. Bob will work with Chairman Janes on some suggested dates for the next meeting and will send out an e-mail to the members.

Being no further business, Chairman Janes adjourned the meeting at 11:20 am.

Respectfully submitted,

Robert Symons
PSCC Administrative Support.



Dave Freudenthal
Governor

Steve DeCecco
Chairman

State of Wyoming

Public Safety Communications Commission

Interoperability Executive Committee

Gillette, WY

March 13, 2007

Chairman Billy Janes called the meeting to order at 9:00 am at the Gillette/Campbell County Fire Training Facility.

Attendees:

Billy Janes, Chairman; Lanny Applegate – PSCC Commissioner, Kim Lee – PSCC Commissioner, Tom Mahon – WyoLink, Marty McCoy – WyoLink, Jim Archerd – Wyoming Homeland Security and Bob Symons – PSCC Administrative Support

Minutes from January 17, 2007

The minutes from the January 19, 2007 meeting were reviewed by the committee. **Lanny Applegate made a motion to approve the minutes as submitted, seconded by Mark Harshman. The minutes were approved on a voice vote.**

Draft WyoLink Handbook

Bob Symons reviewed the changes to the draft WyoLink Handbook since the January 19, 2007 meeting. The format of the handbook has been revised to make sure all of the margins are the same through-out the document.

On Page 17 – B. Member Priorities 1 – 9 was changed to “Public Transportation including School Buses”

On Pages 24 – 26 – A. Statewide Talkgroups – all of the regional talkgroups have been changed to three (3) tactical talkgroups per region.

On Page 28 – B. Public Service – line 6 was changed to “Public Transportation including School Buses” so that both references (page 17 – Membership Priorities and page 28 – Public Service) are identical.

On Page 33 – B. Severity – Marty McCoy, WyoLink Support Manager, submitted changes to reflect the current support policy.

Being no further changes the draft handbook will be given to the full PSCC for adoption at the March 13, 2007 meeting.

Draft WyoLink Membership Agreement

Bob Symons reviewed the draft WyoLink Membership Agreement with the committee. The final draft of the Membership Agreement will need to be reviewed by the Attorney General's Office for content. Any changes recommended by the Attorney General's Office will be incorporated into the agreement. Upon the approval of the Attorney General's office, the final draft of the Membership Agreement will be presented to the PSCC for adoption.

Being no further business, Chairman Janes adjourned the meeting at 9:15 am.

Respectfully submitted,

Robert Symons
PSCC Administrative Support.



Dave Freudenthal
Governor

Steve DeCecco
Chairman

State of Wyoming

Public Safety Communications Commission

Executive Committee Meeting January 17, 2007

Chairman Steve DeCecco called the meeting to order at 9:35 am.

Attendees: Steve DeCecco and Jerry Kennedy on phone conference; Bill Westerfield, Earl Atwood and Bob Symons met in Earl Atwood's office.

Portable Radios and Comments to Governor

Tim Hibbard had called Steve DeCecco about the concerns that the Governor has passed onto WyDOT – Director John Cox has received about portable radio coverage. The Governor has spoken to John Cox and requested WyDOT develop a proposal for portable radio coverage, with several options and include budget figures. There was a concern expressed that there may be doubts about the roles and responsibilities between the PSCC and WyDOT pertaining to WyoLink in the Governor's Office.

Earl Atwood has received two calls. Tim Hibbard had asked Earl to meet with Tim Hibbard and Rob Wilson on January 18th to outline and clarify the roles and responsibilities of WyDOT and the PSCC and develop an MOU defining the roles. Earl felt that WyDOT and the PSCC know the roles and responsibilities and maybe a information campaign would be better suited. John Renneisen Attorney General's Office would be contacted about any MOU. Earl also spoke to Chris Boswell, Governor's Office, and asked Chris directly about the drivers to the response from the Governor. Chris told Earl that the governor's Office does have an understanding about the roles and responsibilities between WyDOT and the PSCC. Chris also spoke about the entities that have voiced concerns include the Cheyenne PD, Gillette and Casper PD. Chris felt that developing facts and information that could be presented to next years legislature was in order.

Bill Westerfield felt that with the system not completely built yet that it is premature to state that the system is not operating as designed and expected. The responses that have been received may indicate that the system will work but not to the expectations that the individual agencies want and that is not good enough.

Bob Symons spoke about his attendance at the Wyoming Association of Sheriff's and Chief of Police (WASCOP) and reiterated the current construction schedule and that the PSCC is committed to testing coverages upon the completion of the backbone.

Earl stated that Chris Boswell does not expect any responses for this current legislative session. There is time to develop more facts around enhancing WyoLink for portable radio coverage including the sharing of costs between WyoLink and the end users. It may be best to let WyDOT and the WyoLink project manager develop some strategies and budgets for enhancing WyoLink and then the PSCC can review those for adding their comments. Are the agencies that are speaking with the

governor's Office doing what we asked them to do by stating that if they have concerns about what is being provided by WyoLink that they should address their concerns to their legislative representatives. There may be some concerns on the information that is being spread and may not include all of the facts and the PSCC should make sure that the facts are presented. One of the proposals that has been spoken about is adding one radio site in each county seat to relieve some of the concerns.

The next PSCC meeting in Gillette will include an informational meeting the day before the meeting. This may be a good way to help provide the true picture of the WyoLink project including the facts. The WyoLink Operations Work Group will be meeting on January 26th to review the two solutions provided by Motorola, including cost estimates for the portable radio coverage that Cheyenne/Laramie County stated. One other proposal will be the addition of the one radio site at the north water tower in Cheyenne.

Steve DeCecco was going to talk to Chris Boswell and see if the Governor's Office needs any more information from the PSCC. If Steve feels that more information is needed, he will ask for another meeting of the Executive Committee to discuss content.

Bill Westerfield felt that any MOU between the PSCC and WyDOT should be reviewed and discussed with the Attorney General's Office. There may not be a need for a formal MOU and after Earl meets with Tim Hibbard and Robert Wilson there should be a clearer idea of what they expect from the PSCC. Earl may propose to Tim and Robert to submit proposals on what WyDOT would like for policies between the PSCC and WyDOT as the operator of the system.

Bob Symons stated that the grant agreement has been submitted to the Attorney General's Office for approval. The Attorney General has asked for the names of the people who will be signing the agreement for the PSCC and WyDOT. Earl Atwood as the Executive Director will sign for the PSCC and Bob will ask Kevin Hibbard, WyDOT, who he wants to be the signatory for them.

As of this date, Bob has received grant applications from all of the dispatch centers except for Pine Bluffs and Fort Washakie. Bob is expecting grants from those two agencies. When would the Administration and Funding group like to get together to review the grant applications? Earl and Bob will draft a response to the Governor's Office about the current status of the dispatch center grants and submit it to the executive committee for approval. Bob will talk with the Administration and Funding Work Group to set up a date for reviewing the dispatch center grants.

Being no further business, the meeting was adjourned at 10:15 am.

Respectfully submitted,

Robert Symons
Administrative Support



*Wyoming's Statewide Public-Safety
Interoperable Radio Communications System*

Project Manager's Report to the PSCC

Date: March 13, 2007

Mr. Chairman,

The WyoLink Project has been busy since the last report in December.

FREQUENCY PLANNING

FCC application documents, based on the Final Frequency Plan, have been submitted and are currently being reviewed by the Frequency Coordinators. I received word this last week that APCO has completed their review of a number of the applications and forwarded them to the FCC for processing.

We encountered an issue with regard to the low-level sites. As the site data was based on "probable locations," tower information was not based final installation plans. Unfortunately, eight of the low-level sites required tower registration information due to their close proximity to airports. This was resolved by searching the FCC database of Antenna Structure Registration (ASR) data, and selecting an existing structure close to the proposed location. The location for the FCC license was then modified to match the existing tower.

I raise the ASR issue just as a reminder that additional frequency engineering may be required as low-level sites are finalized and installed. It is still prudent to license frequencies for the low-level sites, as that process sets retains spectrum for that need.

By the next PSCC meeting, WyoLink should have FCC licenses and have identified deficiencies for which Federal spectrum will be requested.

ZONE 1 VERSION UPGRADE

During the week of February 19, the WyoLink Master Site underwent an upgrade.

The process was "organized chaos." The entire system was shut down, leaving the radio sites in site-trunking. There were engineers and technicians everywhere. People were loading software, reconfiguring T1 bandwidth, and working their way through test procedures. The most helpful thing I did was staying out of the way.

By the end of the week, the system was returned operation as a Motorola Astro-25 version 7.2 system. Everything is functioning properly, and all acceptance tests were passed.

ZONE 2 INSTALLATION

The Casper Port-of Entry building is complete. Electrical service has been installed. Next week technicians will do the startup testing on the generator, HVAC, and UPS systems. WyoLink electronic equipment installation will begin shortly thereafter.

Quest Communications will be installing fiber-optic cable in the next six weeks. That fiber-optic connection will be the means for redundant zone-to-zone links to Cheyenne and will be the means for connecting dispatch centers. The configuration chosen for this installation is one that will lower the cost of T1 circuits to connect dispatch centers to the Casper or the Cheyenne zone controller.

Motorola Upgrade Operations engineers are scheduled to be at the Casper POE the week of May 7 to activate the zone-controller and integrate it into the WyoLink system.

RADIO SITE DEVELOPMENT

The status of WyoLink radio equipment installations has not changed since my last report. As you know, winter limits access to the radio sites.

The project team is finalizing work schedules, initiating the utility coordination process, and starting the site-design process. These tasks are laying the groundwork to development the 43 radio sites scheduled for this summer.

The time required for processing federal lease applications remains a project risk. The U.S. Forest Service has projected that processing the site leases for Salt Pass and Geneva Summit may take until October. This would preclude building those sites this year. I am watching this issue closely.

While the leases on other sites in Phase-4 are still in process, completion is anticipated before May. That will be sufficient for site construction and activation in 2007.

ENHANCEMENT SITES

In consideration of the time required to process site leasing, I am working to identify additional sites to improve WyoLink coverage. The intent here is to submit lease applications and allow up to one year for processing.

Medicine Mountain is no longer under consideration. It had been identified as a site to provide additional coverage in the Big Horn Mountains. Because of the sensitive Native site nearby, the USFS has a total moratorium on the construction of communications sites on that mountain. I am working with the Big Horn Ranger District to identify another location.

Likewise, Clayton Mountain, which was being considered to improved coverage on the west side of Park County, is off the list. In meeting with the District Ranger and his staff the difficulty of building on the site, the difficulty of providing electrical power, and that the site is only in a few feet from the boundary of a wilderness area, were identified as reasons to look elsewhere. The outcome of that meeting was that the USFS is willing to consider designating additional radio sites on the forest, a process that will involve revising the forest plan.

Commissioner Kennedy and I met with the landowner for Pinkham Mountain, U.S. Senator Wayne Allard. The meeting was very constructive. The Senator is quite willing to work with Wyoming to put a WyoLink site on the mountain. The project team needs to make another scouting trip to finalize the location before the lease paperwork can proceed. This site will provide coverage in the south end of the Snowy Range, from Woods Landing to Encampment. Connecting the site with microwave will require an additional site on Jelm Mountain, which is BLM land.

The landowner of the 3-Mile Hill site was contacted. Before meeting, she reviewed the WyoLink website. Based on what she read, she is supportive of the WyoLink Project. The necessary information was passed to WYDOT Right-of Way to begin the site acquisition process.

The site proposal for Signal Mountain has been completed, and the proposal for Pow Wow Point is being drafted. These will be forwarded to the respective agencies shortly to begin the review process.

PORTABLE COVERAGE ENHANCEMENTS

There has been a lot of discussion regarding providing additional coverage for portable radio use. At the request of the Governor, a proposal was prepared and vetted through the WYDOT Director regarding the addition of sites to improve portable radio coverage. The proposal is that local agencies identifying locations for additional sites, and provide the necessary building and tower. The Governor will support additional funding, through the WYDOT budget, for WyoLink to provide the radio electronics and connecting microwave to install the site.

A document entitled, "Portable Radio Coverage Enhancement Proposal," is in your packet. I understand it will be discussed later in the meeting.

WyoLink Compliant Radio Sales
12/31/2006

By Type of Equipment Purchased

Type of Equipment	Number of Units
Base Stations and/or Repeaters	79
Control Stations	160
Mobile Radios	2440
Portable Radios	2286
Other Equipment	71

By County

Agency	Dollar Amount	Number of Units
Albany County	\$ 1,269,510.00	385
Big Horn County	\$ 538,942.44	147
Campbell County	\$ 712,991.72	244
Carbon County	\$ 1,084,438.00	257
Converse County	\$ 800,672.00	198
Crook County	\$ 220,438.00	76
Fremont County	\$ 1,300,677.00	471
Goshen County	\$ 789,338.00	265
Hot Springs County	\$ 172,167.20	47
Johnson County	\$ 16,153.00	4
Laramie County	\$ 1,390,156.00	528
Lincoln County	\$ 588,736.05	146
Natrona County	\$ 359,472.72	96
Niobrara County	\$ 352,128.50	105
Park County	\$ 744,946.00	210
Platte County	\$ 245,313.00	60
Sheridan County	\$ 942,437.84	290
Sublette County	\$ 557,928.00	144
Sweetwater County	\$ 664,193.14	192
Teton County	\$ 595,680.00	140
Uinta County	\$ 382,801.00	111
Washakie County	\$ 446,445.00	113
Weston County	\$ 321,388.78	91
State of Wyoming	\$ 2,549,724.94	715
Others	\$ 4,038.00	1
Totals	\$17,050,716.33	5036



*Wyoming's Statewide, Public-Safety,
Interoperable, Radio Communications System*

January 25, 2007

Portable Radio Coverage Enhancement Proposal

SUMMARY

This proposal will address the operational requirements of local agencies that request coverage beyond that provided by the core WyoLink system, which was designed to achieve 95% statewide mobile radio coverage¹.

In planning the core WyoLink system, a contingency was created to address local agency needs, in that 24 additional radio sites were included in the frequency planning process. As a planning assumption, government buildings in each county were used as licensing locations. While these may not be the ultimate locations, they are sufficient for the frequency licensing purpose.

A gap analysis is required to formulate a final coverage enhancement plan. An accurate gap analysis requires an evaluation of the actual portable radio performance provided by the core WyoLink system, which will then be compared to the coverage requested. The difference is the gap. Activation of the core WyoLink system is scheduled for the fall of 2007. Portable radio coverage information will be compiled as sections of the project are activated throughout the summer construction season. This coverage information will allow the preliminary estimate to be refined, which will yield a project plan and budget.

The Wyoming Public Safety Communications Commission will review the project plan and budget. This will be a policy level review that will review the technical information and balance operational requirements with the identified budget realities.

Development of the "enhancement" radio sites is proposed as a shared process that will extend past completion of the core system. The PSCC will ask agencies requesting additional coverage to identify, contribute, and support suitable facilities for a WyoLink site (radio tower, equipment space, and utilities). The WyoLink project would plan frequencies, and the PSCC would seek State funding to provide WyoLink radio and microwave communications equipment. Once suitable facilities are available for WyoLink, design and installation of radio electronics at a site should take six to nine months. Readily available sites could be active by the close of 2008.

In considering coverage requests, the need for sites beyond the 24 included in the frequency plan may be identified. Those sites will require more extensive effort. Development for those sites will require a second round of planning and funding.

¹ The transmit power of a handheld portable radio is less than 10% of a vehicle-mounted mobile radio. The effective two-way radio range is less for a portable radio user than for a mobile radio user due to that difference.